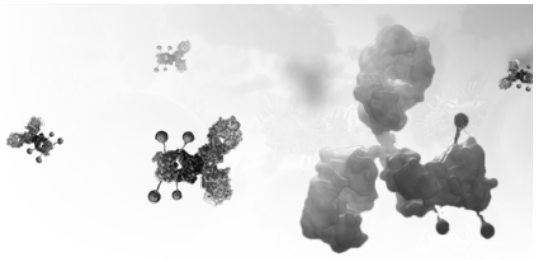

Human GFI1 peptide (DAG-P1586)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a nuclear zinc finger protein that functions as a transcriptional repressor. This protein plays a role in diverse developmental contexts, including hematopoiesis and oncogenesis. It functions as part of a complex along with other cofactors to control histone modifications that lead to silencing of the target gene promoters. Mutations in this gene cause autosomal dominant severe congenital neutropenia, and also dominant nonimmune chronic idiopathic neutropenia of adults, which are heterogeneous hematopoietic disorders that cause predispositions to leukemias and infections. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	Contains 6 C2H2-type zinc fingers.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	GFI1 growth factor independent 1 transcription repressor [Homo sapiens (human)]
Official Symbol	GFI1
Synonyms	GFI1; growth factor independent 1 transcription repressor; SCN2; GFI-1; GFI1A; ZNF163; zinc finger protein Gfi-1; zinc finger protein 163; growth factor independence-1; growth factor independent protein 1;

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Entrez Gene ID	2672
mRNA Refseq	NM_001127215.1
Protein Refseq	NP_001120687.1
UniProt ID	B3KVN4
Chromosome Location	1p22
Pathway	Validated targets of C-MYC transcriptional repression, organism-specific biosystem;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; protein binding; transcription regulatory region DNA binding; zinc ion binding;

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